

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Original) An apparatus for use with a clamp including first and second clamp members, the apparatus comprising:
 - a support device configured to be removably secured to at least one of the first and second clamp members;
 - a coagulation element carried by the support device; and
 - a stimulation element carried by the support device.
2. (Original) An apparatus as claimed in claim 1, wherein the support device includes a mating structure configured to mate with the first clamp member.
3. (Original) An apparatus as claimed in claim 2, wherein the support device mating structure comprises a relatively narrow portion and a relatively wide portion.
4. (Original) An apparatus as claimed in claim 1, wherein the coagulation element defines a coagulation element configuration, the stimulation element defines a stimulation element configuration, and the stimulation element configuration is different than the coagulation element configuration.
5. (Original) An apparatus as claimed in claim 1, wherein the coagulation element comprises a coagulation electrode.
6. (Original) An apparatus as claimed in claim 5, wherein the stimulation element comprises a stimulation electrode.

7. (Original) An apparatus as claimed in claim 6, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length, and the coagulation electrode length is greater than the stimulation electrode length.

8. (Original) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode.

9. (Withdrawn) An apparatus as claimed in claim 1, wherein the stimulation element comprises a stimulation electrode pair.

10. (Original) An apparatus as claimed in claim 1 further comprising:
first and second coagulation element wires connected to the coagulation element.

11. (Original) An apparatus as claimed in claim 1, wherein the stimulation element is located distally of the coagulation element.

12. (Withdrawn) An apparatus as claimed in claim 1, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

13. (Original) An apparatus as claimed in claim 1, wherein the support device defines a first support device configured to be removably secured to the first clamp member, the coagulation element defines a first coagulation element and the stimulation element defines a first stimulation element, the apparatus further comprising:

a second support device configured to be removably secured to the second clamp member;

a second coagulation element carried by the second support device; and

a second stimulation element carried by the second support device.

14. (Original) An apparatus, comprising:

a clamp including a first clamp member, a second clamp member, and movement apparatus that moves at least one of the first and second clamp members relative to the other of the first and second clamp members such that the surgical apparatus has an open state and a closed state;

a coagulation element associated with one of the first and second clamp members; and

a stimulation element associated with one of the first and second clamp members.

15. (Original) An apparatus as claimed in claim 14, wherein the coagulation element comprises a coagulation electrode.

16. (Original) An apparatus as claimed in claim 15, wherein the stimulation element comprises a stimulation electrode.

17. (Original) An apparatus as claimed in claim 16, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length, and the coagulation electrode length is greater than the stimulation electrode length.

18. (Original) An apparatus as claimed in claim 14, wherein the stimulation element comprises a stimulation electrode.

19. (Withdrawn) An apparatus as claimed in claim 14, wherein the stimulation element comprises a stimulation electrode pair.

20. (Original) An apparatus as claimed in claim 14, further comprising:
first and second coagulation element wires connected to the coagulation element.

21. (Withdrawn) An apparatus as claimed in claim 14, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

22. (Original) An apparatus as claimed in claim 14, wherein the coagulation element defines a first coagulation element, the stimulation element defines a first stimulation element and the first coagulation element and first stimulation element are associated with the first clamp member, the apparatus further comprising:

a second coagulation element associated with the second clamp member;
and
a second stimulation element associated with the second clamp member.

23. (Withdrawn) An apparatus as claimed in claim 22, wherein the first stimulation element comprises a pair of stimulation elements on opposite sides of the first coagulation element and the second stimulation element comprises a pair of stimulation elements on opposite sides of the second coagulation element.

24-37. (Canceled)

38. (Original) A surgical system, comprising
a source of coagulation energy;
a source of stimulation energy; and
an apparatus including
a clamp having a first clamp member, a second clamp member,
and movement apparatus that moves at least one of the first and second clamp

members relative to the other of the first and second clamp members such that the surgical apparatus has an open state and a closed state,

a coagulation element associated with one of the first and second clamp members, and

a stimulation element associated with one of the first and second clamp members.

39. (Original) A surgical system as claimed in claim 38, wherein the coagulation element defines a coagulation element configuration, the stimulation element defines a stimulation element configuration, and the stimulation element configuration is different than the coagulation element configuration.

40. (Original) A surgical system as claimed in claim 38, wherein the coagulation element comprises a coagulation electrode.

41. (Original) A surgical system as claimed in claim 40, wherein the stimulation element comprises a stimulation electrode.

42. (Original) A surgical system as claimed in claim 41, wherein the coagulation electrode defines a coagulation electrode length, the stimulation electrode defines a stimulation electrode length, and the coagulation electrode length is greater than the stimulation electrode length.

43. (Original) A surgical system as claimed in claim 38, wherein the stimulation element comprises a stimulation electrode.

44. (Withdrawn) A surgical system as claimed in claim 38, wherein the stimulation element comprises first and second stimulation elements on opposite sides of the coagulation element.

45. (Original) A surgical system as claimed in claim 38, wherein the coagulation element defines a first coagulation element, the stimulation element defines a first stimulation element and the first coagulation element and first stimulation element are associated with the first clamp member, the apparatus further comprising:

a second coagulation element associated with the second clamp member;

and

a second stimulation element associated with the second clamp member.

46. (Withdrawn) A surgical system as claimed in claim 45, wherein the first stimulation element comprises a pair of stimulation elements on opposite sides of the first coagulation element and the second stimulation element comprises a pair of stimulation elements on opposite sides of the second coagulation element.

47. (New) An apparatus for use with a clamp including first and second clamp members, the apparatus comprising:

a support device configured to be removably secured to at least one of the first and second clamp members;

means, carried by the support device, for transmitting coagulation energy to tissue; and

means, carried by the support device, for transmitting stimulation energy to tissue.

48. (New) An apparatus as claimed in claim 47, wherein the support device includes a mating structure configured to mate with the first clamp member.

49. (New) An apparatus as claimed in claim 48, wherein the support device mating structure comprises a relatively narrow portion and a relatively wide portion.

50. (New) An apparatus as claimed in claim 47 further comprising:
first and second wires connected to the means for transmitting coagulation energy to tissue.

51. (New) An apparatus as claimed in claim 47, wherein means for transmitting stimulation energy to tissue is located distally of the means for transmitting coagulation energy to tissue.

52. (New) An apparatus as claimed in claim 47, wherein the support device defines a first support device configured to be removably secured to the first clamp member, the means for transmitting coagulation energy defines first means for transmitting coagulation energy, and the means for transmitting stimulation energy defines first means for transmitting stimulation energy, the apparatus further comprising:

a second support device configured to be removably secured to the second clamp member;

second means, carried by the second support device, for transmitting coagulation energy to tissue; and

second means, carried by the second support device, for transmitting stimulation energy to tissue.